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(54) **Flame-retardant resin composition and its use**

(57) A flame-retardant composition, comprising:

- (i) 100 parts by weight of a synthetic resin having 70 to 100% by weight of metallocene LLDPE,
- (ii) 20 to 100 parts by weight of magnesium hydroxide having a BET specific surface area of 20 m²/g or less, an average secondary particle diameter of 5 µm or less, measured according to a laser diffraction scattering method, and a water-soluble sodium salt content of 500 ppm or less of sodium,
- (iii) 1 to 20 parts by weight of red phosphorus having an average secondary particle diameter of 30 µm or less, and
- (iv) 0.1 to 20 parts by weight of a carbon powder,

the total of the magnesium hydroxide, the red phosphorus and the carbon powder being 120 parts by weight or less.

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